How To Study/Learn

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"The function of education is to teach one to think intensively and to think critically ... intelligence plus character——that is the goal of true education."

- Dr. Martin Luther King, Jr.

(1) Which of the following is FALSE about "metacognition"?

A It enables students to better understand how well they know a topic.

B Students that perform poorly on assessments tend to be over-confident and have poor metacognition.

C Developing better metacognition goes along with improving study skills.

D It is the study of how others think.

(2) In general, which of the following combinations learn best (Level of processing/Intention)?

A Deep/Intentional

B Deep/Incidental

C Shallow/Incidental

D Shallow/Intentional

E None of the above

(3) What is the most important factor in successful learning?

A The intention and desire to learn

B Paying close attention to the material as you study

C Learning in a way that matches your own learning style

D The time you spend studying

E What you think about while studying

(4) Which of the following activities help the learning process?

A Minimizing distractions to maximize focus

B Developing accurate metacognition

C Deep processing of critical concepts

D Practicing retrieval and application

E All of the above

(5) Which of the following was not given by Dr. Chew as a deep processing task?

A Elaboration

B Distinctiveness

C Personal

D Automaticity

E Retrieval

(6) What should you focus on during your professors' lectures?

A Making sure to copy every single thing the professor says into your notes.

B Copying only those things that the professor writes on the board since those are the most important ideas.

C Thinking about creating memory cues about key relationships in the material.

D Lectures aren't important since you can just copy the notes of another classmate.

(7) Why doesn't Chester just lecture in this class?

A He is boring.

B He's lazy; if he doesn't lecture, he doesn't have to do much work as a professor.

C He views statistics as a bunch of formulas that you should memorize outside of class if you want to succeed.

D He wants to use the most effective strategies possible that are scientifically proven to engage students actively in their learning.

(8) Which of the following is NOT true of peer instruction?

A It has been shown to triple the learning gains of students over standard lecture classes.

B After you have just learned something is the best time to try to teach it to someone else.

C Teaching and talking about topics with your peers is an incredibly valuable and often time-saving way to learn new material.

D There is no value. I just want to listen to lecture passively every class period because that is best for my learning.

- Data
- Variable
- Categorical variable
- Quantitative variable
- Observational unit

- Distribution
- Center
- Variability
- Simulation
- Probability